



United States Department of Agriculture

MONTHLY LIST OF PUBLICATIONS

JUNE 1937

Any five of the nontechnical publications listed herein, unless indicated "For sale only", may be obtained free upon application to the United States Department of Agriculture, Washington, D. C., as long as the Department's supply lasts. After this supply is exhausted, publications may be obtained from the Superintendent of Documents, Government Printing Office, Washington, D. C., by purchase at the prices stated herein. His office is not a part of the Department of Agriculture.

Free distribution of technical material and periodicals is restricted.

FARMERS' BULLETINS

Irrigation of small grain. W. W. Laughlin, Bureau of Agricultural Engineering. 14 p., illus. (F. B. 1556F., rev.) Price, 5¢.

Use of concrete on the farm. T. A. H. Miller, Bureau of Agricultural Engineering. 60 p., illus. (F. B. 1772F.) Price, 10¢.

Homemade bread, cake, and pastry. Florance B. King, and Adelle B. Freeman, Bureau of Home Economics. 30 p., illus. (F. B. 1775F.) Price, 10¢.

Strip cropping for soil conservation. Walter V. Kell and Grover F. Brown, Soil Conservation Service. 37 p., illus. (F. B. 1776F.) Price, 5¢.

TECHNICAL BULLETINS

Drought survival of native grass species in the central and southern Great Plains, 1935. D. A. Savage, Bureau of Plant Industry, 55 p., illus. (T. B. 549T.) Price, 10¢.

Marketing onions. J. W. Park, Bureau of Agricultural Economics. 88 p., illus. (T. B. 553T.) Price, 15¢.

Incidence and development of apple scab on fruit during the late summer and while in storage. Cyril O. Bratley, Bureau of Plant Industry. 46 p., illus. (T. B. 563T.) Price, 10¢.

Comparison of feeds for fattening beef calves before and after weaning. W. H. Black, Bureau of Animal Industry, and E. A. Trowbridge, University of Missouri. 12 p. (T. B. 564T.) Price, 5¢.

Comparison of feeds for wintering steers in the northern Great Plains. W. H. Black, Bureau of Animal Industry, and O. R. Mathews, Bureau of Plant Industry, 10 p., illus. (T. B. 565T.) Price, 5¢.

Soil erosion and stream flow on range and forest lands of the upper Rio Grande watershed in relation to land resources and human welfare. Charles K. Cooper-ridger and Barnard A. Hendricks, Forest Service. 88 p., illus. (T. B. 567T.) Price, 15¢.

Decay in merchantable oak, yellow poplar, and basswood in the Appalachian region. George H. Hepting and George G. Hedgecock, Bureau of Plant Industry. 30 p., illus. (T. B. 570T.) Price, 5¢.

A serviceability test on blankets made from four blends of wool. Margaret B. Hays and Ruth E. Elmquist, Bureau of Home Economics, and J. I. Hardy, Bureau of Animal Industry. 24 p., illus. (T. B. 572T.) Price, 5¢.

CIRCULARS

Biology of the tobacco moth and its control in closed storage. W. D. Reed and E. M. Livingstone, Bureau of Entomology and Plant Quarantine. 39 p., illus. (Cir. 422C.) Price, 10¢.

- Use of soil-moisture and fruit growth-records for checking irrigation practices in citrus orchards. C. A. Taylor, Bureau of Agricultural Engineering, and J. R. Furr, Bureau of Plant Industry. 24 p., illus. (Cir. 426C.) Price, 5¢.
- Flight speed of birds. May Thacher Cooke, Bureau of Biological Survey. 14 p. (Cir. 428C.) Price, 5¢.

MISCELLANEOUS PUBLICATIONS

- Summary of State and territorial plant quarantines affecting interstate shipments. Maude A. Thompson, Bureau of Entomology and Plant Quarantine. 132 p. (M. P. 80M, rev.) Price, 15¢.
- Comparison of various chemical quick tests on different soils. M. S. Anderson, W. M. Noble, Bureau of Chemistry and Soils. 24 p., illus. (M. P. 259M.) Price, 5¢.
- A graphic summary of physical features and land utilization in the United States. O. E. Baker, Bureau of Agricultural Economics. 57 p., illus. (M. P. 260M.) Price, 10¢.
- Post-mortem examinations of wild birds and mammals. J. E. Shillinger and William Rush, Bureau of Biological Survey. 16 p., illus. (M. P. 270M.) Price, 5¢.

STATISTICAL BULLETINS

- Fats, oils, and oleaginous raw materials—production, prices, trade, disappearance in the United States, 1912-35, and available data for earlier years. Anne Dewees, Bureau of Agricultural Economics. 123 p. (S. B. 59SB.) Price, 10¢.

SERVICE AND REGULATORY ANNOUNCEMENTS

- Amendment to regulations 1, 10, 15, 16, 17, and 18, B. A. I. Order 211—revised. (Regulations governing the meat inspection of the United States Department of Agriculture). Bureau of Animal Industry. 4 p. (Amendment 3 to B. A. I. Order 211—rev.)
- Modification of Japanese beetle quarantine regulations. Effective May 10, 1937. Bureau of Entomology and Plant Quarantine. 3 p. (B. E. P. Q.-Q-48).¹
- Notices of judgment under the Food and Drugs Act. Food and Drug Administration. Pp. 231-305. (N. J., F. D. 26526-26725). Foods.¹

SOIL SURVEYS

- Indiana, Rush County. (No. 44, series 1930.) 36 p., illus. Price, 35¢.
- Michigan, Iron County. (No. 46, series 1930.) 20 p., illus. Price, 45¢.
- Nebraska, Greeley County. (No. 4, series 1933.) 36 p., illus. Price, 25¢.
- New York, Rensselaer County. (No. 15, series 1932.) 70 p., illus. Price, 50¢.
- Pennsylvania, Indiana County. (No. 27, series 1931.) 52 p., illus. Price, 35¢.

OTHER PUBLICATIONS

- Regulations relating to game land fur animals, and birds in Alaska, 1936-37. 32 p., illus. (Alaska Game Cir. 13.) Price, 5¢.
- Regulations relating to game land fur animals, and birds in Alaska, 1937-38. 32 p., illus. (Alaska Game Cir. 14.) Price, 10¢.
- Winds in the upper troposphere and lower stratosphere over the United States. Loyd A. Stevens, Weather Bureau. 27 p., illus. (W. B. Supp. 36.) Price, 40¢.

¹ These may be obtained from the issuing bureau.

Indicate below, by numbers **IN NUMERICAL ORDER**, bulletins desired. In order to assure prompt delivery detach this frank and return in stamped envelope to United States Department of Agriculture, Office of Information, Washington, D. C. List no more than five publications. If more are desired please apply to Superintendent of Documents, Government Printing Office, Washington, D. C., enclosing remittance to cover cost of publication. Be sure to fill in blank on reverse side.

Farmers' Bulletins	Leaflets	Other publications

PERIODICALS

Free distribution of periodicals is definitely restricted. They may be obtained by purchase or subscription from the Superintendent of Documents.

Agricultural situation. Vol. 21, no. 6, June 1, 1937. Price 5¢ a copy; 25¢ a year, domestic; 45¢ a year, foreign.²

Crops and markets. Vol. 14, no. 5, May 1937. Price, 10¢ a copy; \$1.00 a year, domestic; \$1.50 a year, foreign.²

Statistics concerning crops and livestock estimates and market information; reports on supplies, stocks, commercial movement, conditions, and prices of agricultural products; and studies of prices and demand, both foreign and domestic.

Daily weather maps. Limited editions. Not for general distribution.

Shows weather conditions for United States and forecast for all States east of the Mississippi River, except Illinois, Wisconsin, Indiana, Upper Michigan, Lower Michigan, Alabama, Mississippi, and the extreme western portion of Florida. Price daily, except Sundays and holidays, 25¢ a month, \$3 a year; daily, including Sundays and holidays, 30¢ a month, \$3.60 a year. Sunday and holiday maps only, 50¢ a year. Foreign subscriptions, \$7.25 a year. Maps DD, E, and CM, showing the weather conditions and forecasts are issued at numerous stations throughout the United States, 20¢ a month, \$2.40 a year.²

Experiment station record. Vol. 76, no. 6, June; vol. 77, no. 1, July 1937. Price, \$1 per volume (2 volumes a year) consisting of 6 monthly numbers and index; \$1.75 per volume, foreign. Single number for sale only. Price, 15¢.

A technical review of scientific literature pertaining to agriculture.

Extension service review. Vol. 8, no. 6, June 1937. Illus. Price 5¢ a copy; 50¢ a year, domestic; 90¢ a year, foreign.²

Issued monthly by the Extension Service, of which it is the official organ, for the distribution of administrative information.

Journal of agricultural research. Price \$3.25 a year; \$4.75 a year, foreign. Each issue, 15¢, domestic; 20¢, foreign. Separates, 5¢, domestic; 8¢, foreign.² Not distributed free to individuals.

Of primary interest to agricultural scientists and advanced students only. Issued in 2 volumes a year, of 12 numbers each. Free distribution is limited to certain libraries and to institutions or departments doing research work.

— Separates. A small supply of each separate is given to the originating bureau or station for its staff, cooperators, and for such other distribution as can be made. Others interested may purchase copies from the Superintendent of Documents, Washington, D. C., at 5¢ each.

A-175. (In vol. 54, no. 6.) A criterion for testing the accuracy of trap-nest records. Walter A. Hendricks.

Calif.-79. (In vol. 54, no. 5.) Growth, reproduction, feeding, and wing development of the mealy plum aphid in relation to climatic factors. Leslie M. Smith.

Calif.-80. (In vol. 54, no. 5.) The relation of light to the diurnal cycle of sporulation of certain downy mildews. C. E. Yarwood.

² Payable to the Superintendent of Documents, Government Printing Office, Washington, D. C.



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Journal of agricultural research—Continued.

F-80. (In vol. 54, no. 2.) Effect of climate on timber-growth fluctuations. Francis X. Schumacher and H. Arthur Meyer.

G-1037. (In vol. 54, no. 1.) Sweet orange fruit scab caused by *Elsinoë australis*. Agesilau A. Bitancourt and Anne E. Jenkins.

G-1042. (In vol. 54, no. 5.) Influence of stripe rust on growth, water economy, and yield of wheat and barley. Wayne M. Bever.

Iowa-26. (In vol. 54, no. 6.) Analysis of covariance of yield and time to first silks in maize. George W. Snedecor and Gertrude M. Cox.

K-280. (In vol. 54, no. 5.) The relative quantities of oil deposited upon paraffin-coated plates and upon plant foliage by oil sprays. Lynn H. Dawsey, A. W. Cressman, and Julian Hiley.

K-281. (In vol. 54, no. 6.) Relative toxicity of the cresols as demonstrated by tests with *Carassius auratus*. W. A. Gersdorff.

La.-6. (In vol. 54, no. 4.) The rosette disease of blackberries and dewberries. A. G. Plakidas.

Minn.-97. (In vol. 54, no. 4.) A study of scab resistance in the potato. Henry M. Darling.

Wash.-26. (In vol. 54, no. 6.) The chemical composition and nutritive value of certain cereal hays as affected by plant maturity. Jerry Sotola.

Wis.-82. (In vol. 54, no. 5.) Carbon dioxide exchange rhythm and fruitfulness in plants of different reproductive habits. R. H. Roberts, James E. Kraus, and Norman Livingston.

Wis.-83. (In vol. 54, no. 4.) Factors relating to the control of ordinary tobacco mosaic. James Johnson.

Journal of agricultural research. Vol. 53, 1936, Index; vol. 54, no. 8. April 15; no. 9. May 1; no. 10. May 15, 1937. Illus.

Monthly weather review. Vol. 65, no. 3, March 1937. Illus. Price 15¢ a copy; \$1.50 a year, domestic; \$2.25 a year, foreign.² Not for general distribution.

Public roads. Vol. 18, no. 4, June 1937. Price, 10¢ a copy; \$1 a year, \$1.50 a year, foreign.²

Soil conservation. Vol. 2, no. 12, April 1937. Price, 10¢ a copy; \$1 a year, domestic.²

Issued monthly by the Soil Conservation Service. Seeks to supply to workers and cooperators of the Department of Agriculture engaged in soil-conservation activities information of especial help to them in the performance of their duties.

Weekly weather and crop bulletin. Nos. 22-25, June 1-22, 1937. Price, 50¢ a year, domestic; \$1 a year, foreign.²

² Payable to the Superintendent of Documents, Government Printing Office, Washington, D. C.